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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/807,122	03/24/2004	Yin-Hung Chen	OP-093000201	3673

7590 09/19/2005
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EXAMINER

WRIGHT, INGRID D

ART UNIT PAPER NUMBER

2835

DATE MAILED: 09/19/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/807,122

Applicant(s)

CHEN, YIN-HUNG

Examiner

Ingrid Wright

Art Unit

2835

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 3/24/04.
2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-9 is/are pending in the application.
4a) Of the above claim(s) _____ is/are withdrawn from consideration.
5) ☐ Claim(s) _____ is/are allowed.
6) ☒ Claim(s) 1-9 is/are rejected.
7) ☐ Claim(s) _____ is/are objected to.
8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
10) ☒ The drawing(s) filed on 3/24/04 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____.
4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____.
5) ☐ Notice of Informal Patent Application (PTO-152)
6) ☐ Other: _____.

DETAILED ACTION

Claim Rejections - 35 USC § 103

1. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having in which the invention was made.

Claims 1-5 are rejected under 35 U.S.C. 103(a) as being unpatentable over Oikawa et al. (US 2004/0070949 A1).

With respect to claim 1, Oikawa et al. teaches (Fig. 1) a case (1) and at least one first access unit (7,8) installed in an upper portion of the case (1) wherein the first access unit (upper portion of (6,7)) is allocated in the upper portion of the case (1) allowing air entering the case (1) to flow and deliver heat source to the back of the case (1).

With respect to claim 2, Oikawa et al. teaches (Fig. 1) a bottom portion (bottom surface of (1)), a front panel (not labeled) and a rear panel (not labeled) adjacent to two opposing sides of the bottom portion (bottom surface of (1), the front and rear panels which form a receiving space.

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With respect to claim 3, Oikawa et al. teaches (Fig. 1) a motherboard (2) disposed within the receiving space over the bottom portion (bottom surface of (1).

With respect to claim 4, Oikawa et al. teaches (Fig. 1) a second access unit (6) under the first access unit (7,8) within the receiving space.

With respect to claim 5, Oikawa et al. teaches (Fig. 1) the second access unit includes HDD and the first access unit includes a 3.5" floppy disk and a compact disk drive (col. 8, lines 46-55) in reverse order as claimed by the applicant. It would have been obvious to one having ordinary skill in the art at the time the invention was made to switch the access units where the HDD is installed in the first access unit and the a 3.5" floppy disk and a compact disk is in the second access unit, since it has been held that rearranging parts of an invention involves only routine skill in the art. In re Japikse, 86 USPQ 70.

Claim Rejections - 35 USC § 103

2. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having in which the invention was made.

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Claims 6-9 are rejected under 35 U.S.C. 103(a) as being unpatentable over Oikawa et al. (US 2004/0070949 A1) in view of Felcman et al. (US 5754396).

With respect to claim 6, Oikawa et al. teaches a power supply (9) installed on a rear panel and a heat dissipation device (10,11).

Oikawa et al. does not teach a plurality of connectors.

Felcman et al. teaches (Fig. 1) a plurality of connectors with various pins (col. 5, lines 24-27).

It would have been obvious to one of ordinary skill in the art at the time the invention was made to utilize the connectors as taught by Felcman in the invention of Oikawa et al. in, in order to provide connection of boards in the computer casing.

With respect to claim 7, Oikawa teaches (Fig. 1) a first access unit, but not specifically disclose a pair of support members.

Felcman et al. teaches (Fig. 3) a pair of support members (side walls of drive module (20) and opening (126)) extending between the front and rear panels, wherein the support members (side walls of drive module (20) and opening (126)) form a space (126) for receiving the first access unit therein.

It would have been obvious to one of ordinary skill in the art to utilize the support members of Felcman in the invention of Oikawa, in order to secure the first access unit within the computer casing.

With respect to claim 8, Felcman et al. teaches (Fig. 3) the first access unit includes a box member (20) and a hard drive, floppy disk drives, tape drive or CD ROM drives (124) disposed in the box member (20) (col. 8, lines 46-55).

With respect to claim 9, Felcman et al. teaches (Fig. 3) the box member (20) includes a plurality of connection members (132, 136) formed along a periphery thereof to be fitted with the support members (side walls of drive module (20) and opening (126)) (col. 8, lines 55-67 & col. 9, lines 1-24).

Conclusion

3. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure: Kim (US 20040085727 A1), Wong (US 513646), Chen (US 6775134 B2), Broder et al. (US 6930882 B2), Melton et al. (US 5774330), Rothschild (US 20020093788 A1), Chen (US 20040246671 A1), Jarrett et al. (US 5865518), Chen (US 5931550), Tucker et al. (US 6906915 B2), Cook et al. (US 6266239 B1), Buican et

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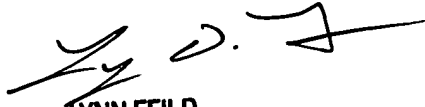
al. (US 6339536 B1) & Rothschild (US 6657858 B2) show the general state of the art regarding computer case configurations.

4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Ingrid Wright whose telephone number is (571) 272-8392. The examiner can normally be reached on M-F.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Lynn Feild can be reached on (571) 272-2800, ext 35. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

IDW


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